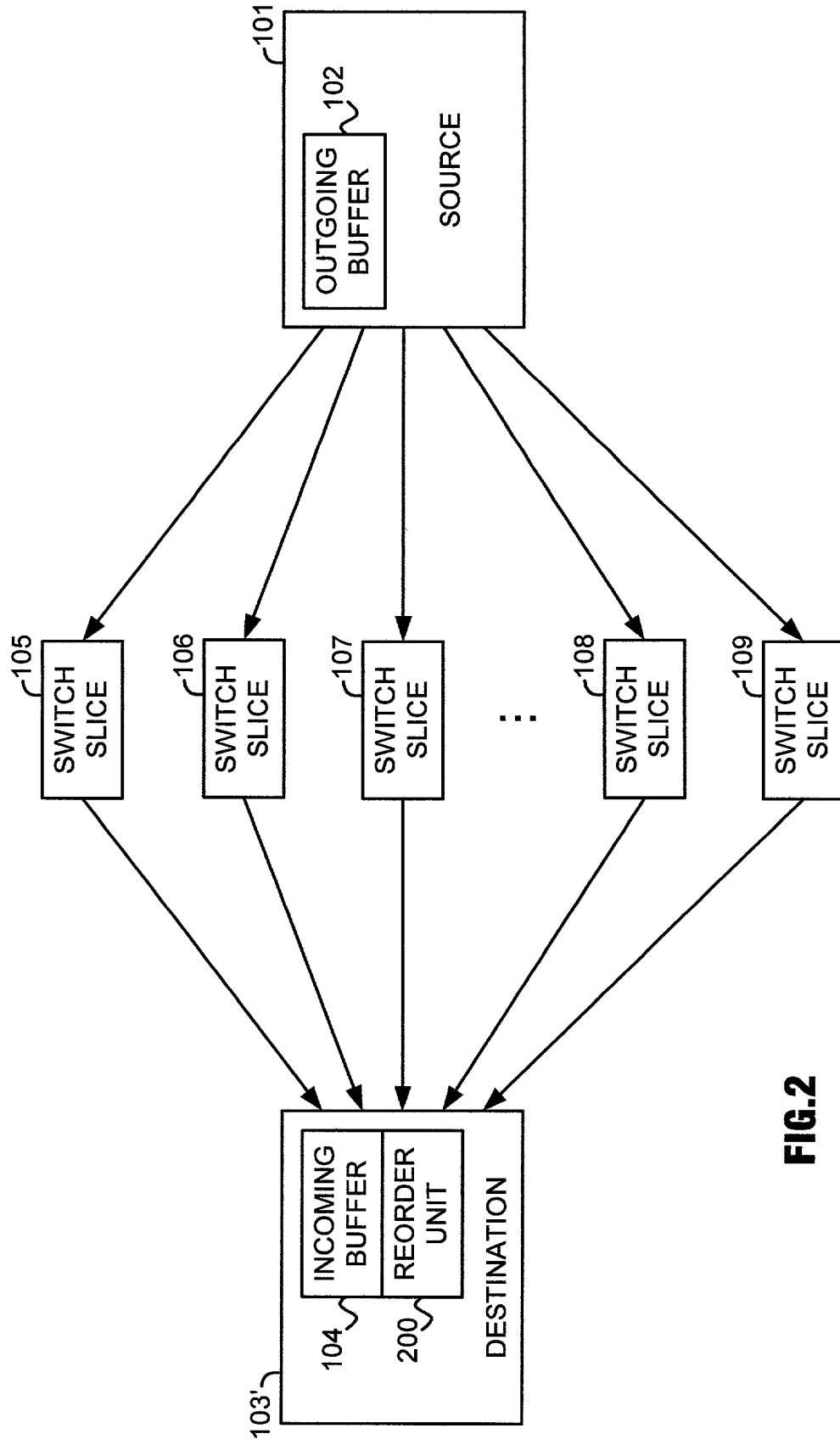


**FIG.1**



**FIG.2**

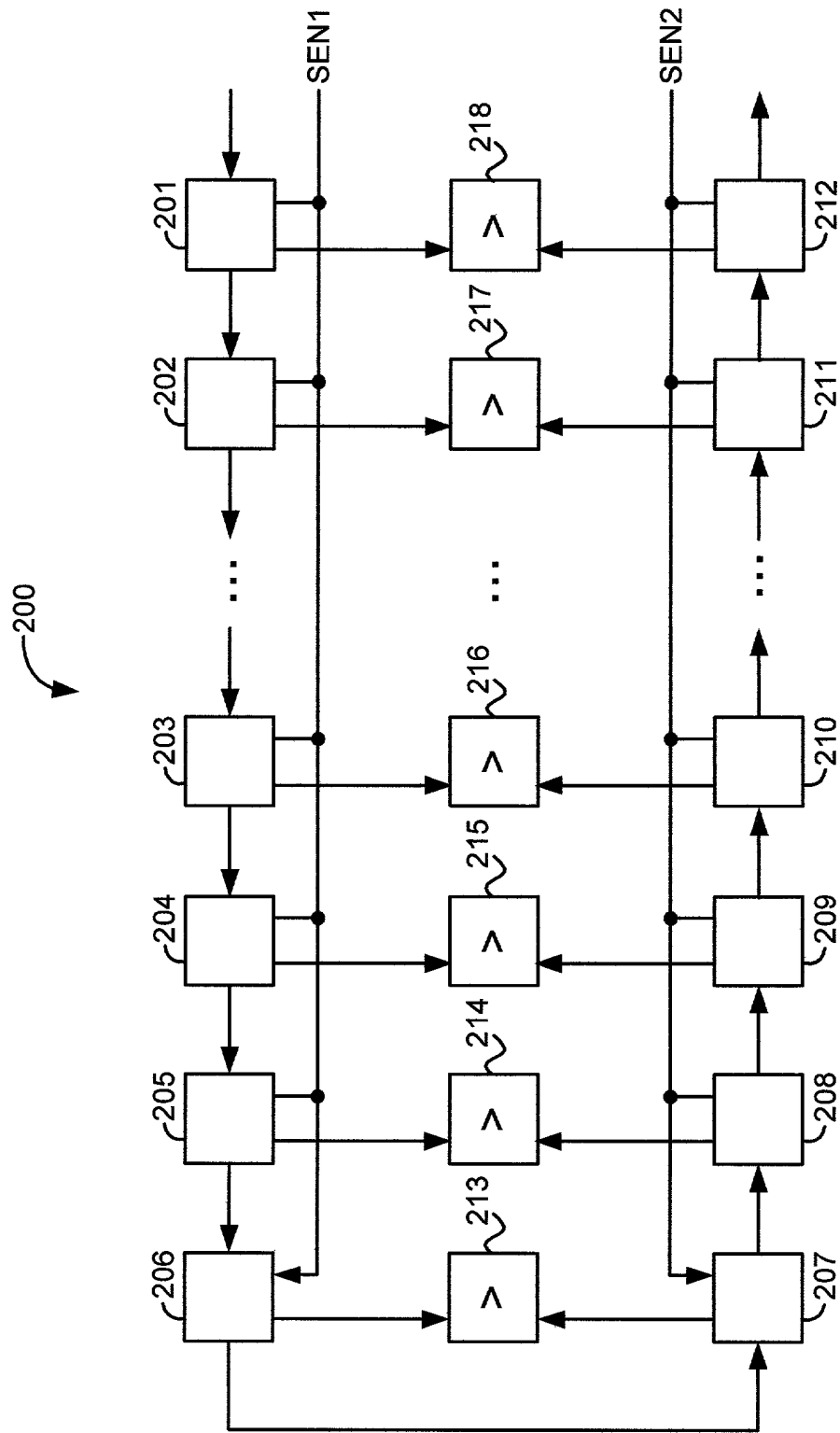
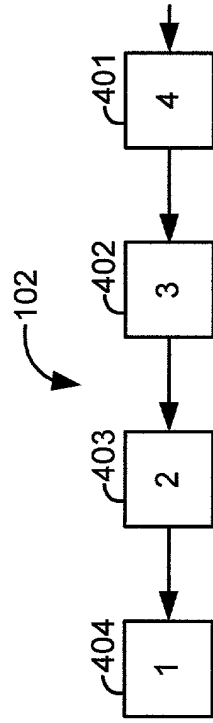
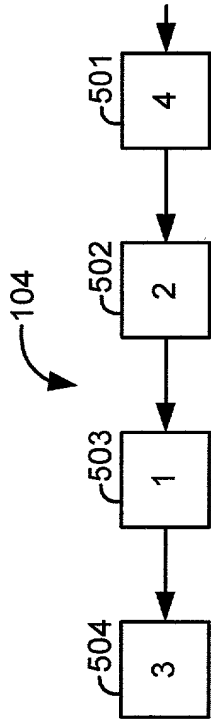


FIG.3

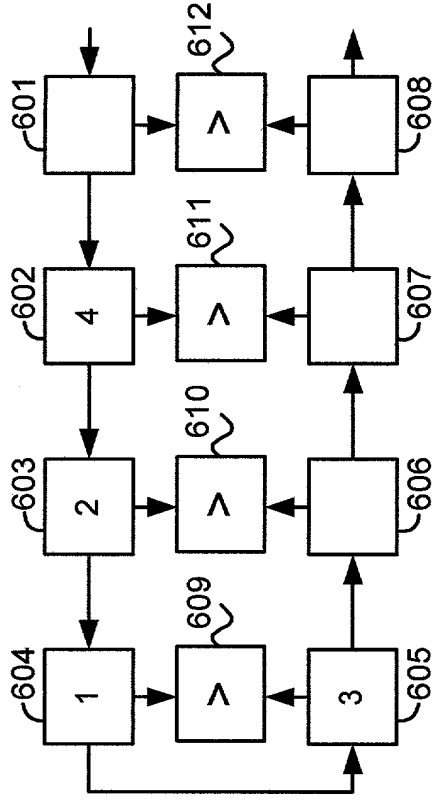


**FIG. 4**



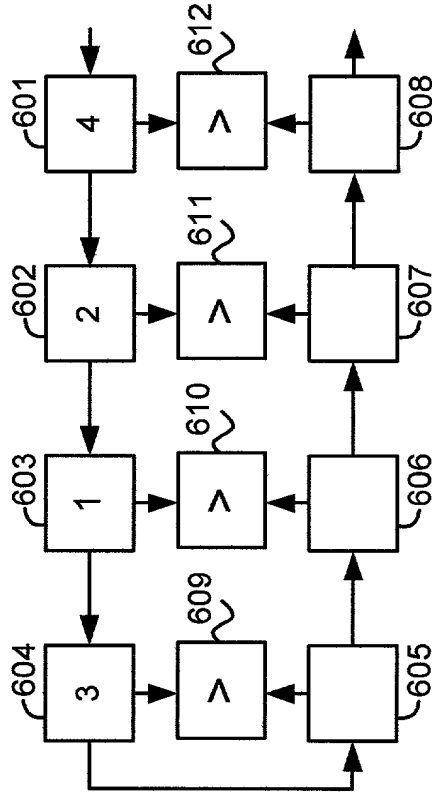
**FIG. 5**

TOP SHIFT



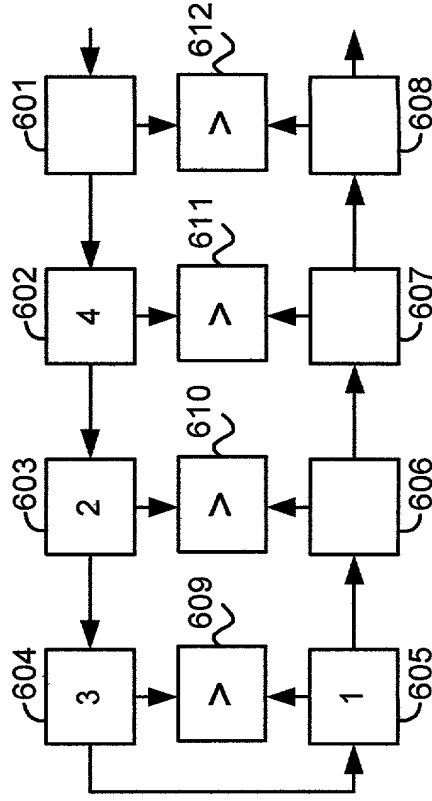
**FIG. 6B**

SHIFT IN



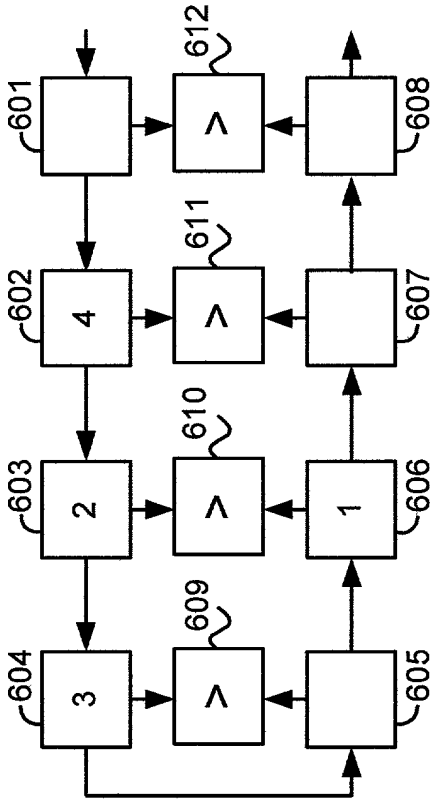
**FIG. 6A**

COMPARE/REORDER



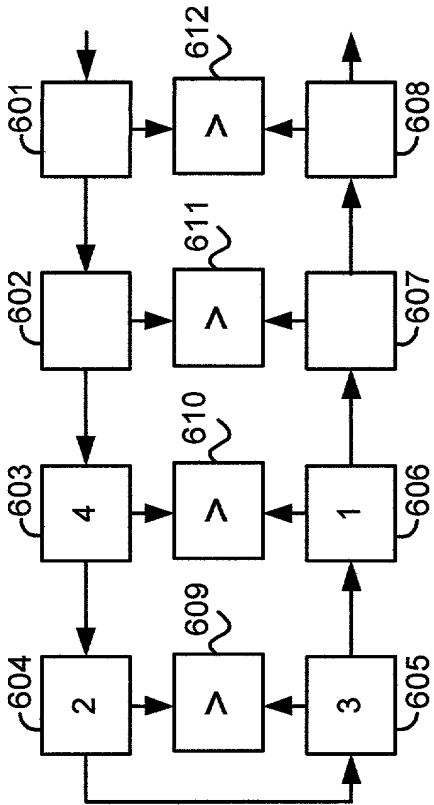
**FIG. 6C**

BOTTOM SHIFT



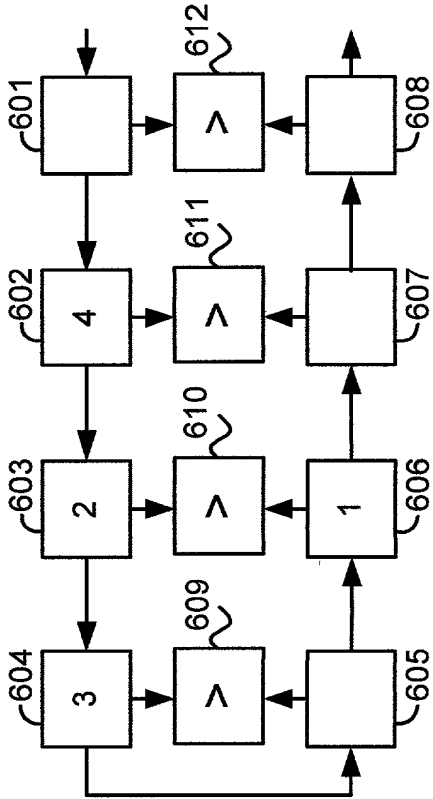
**FIG. 6D**

TOP SHIFT



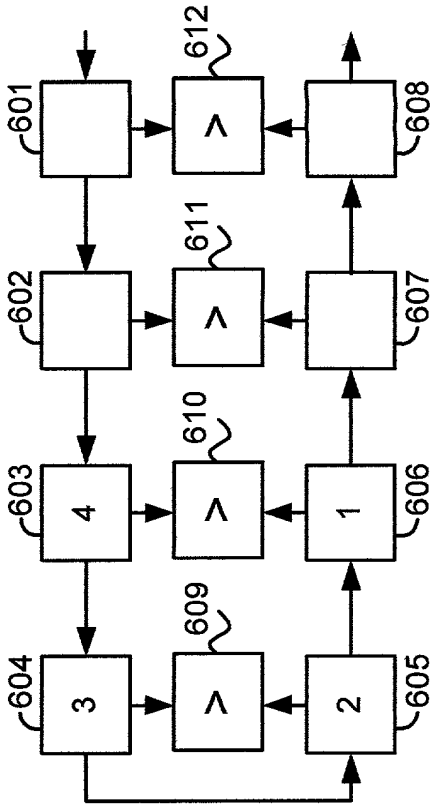
**FIG. 6F**

COMPARE/REORDER



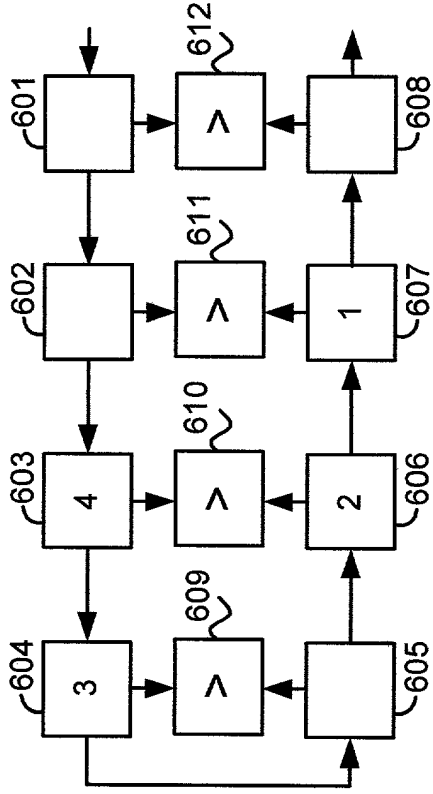
**FIG. 6E**

COMPARE/REORDER



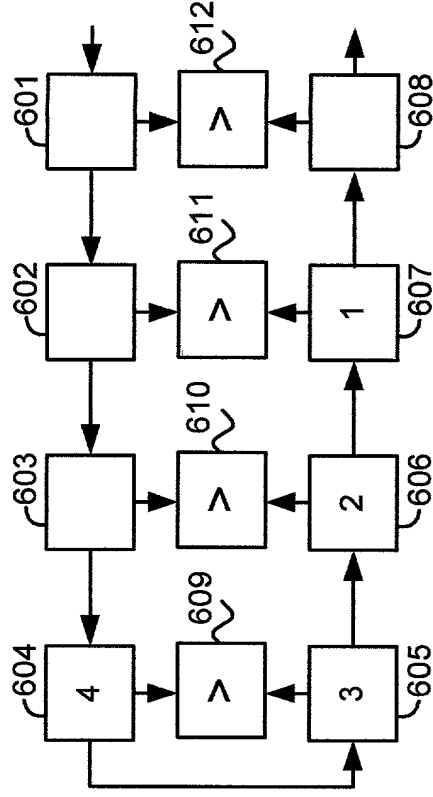
**FIG. 6G**

BOTTOM SHIFT



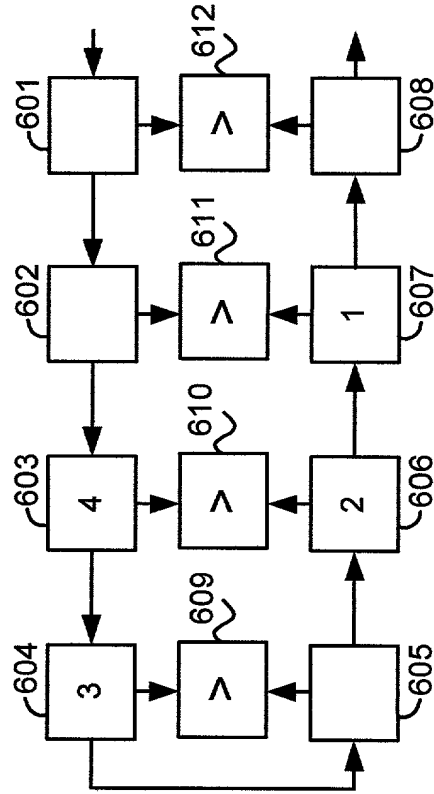
**FIG. 6H**

TOP SHIFT



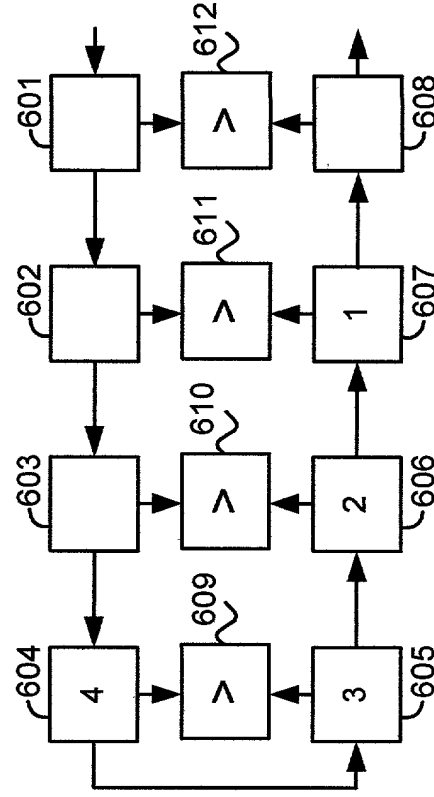
**FIG. 6J**

COMPARE/REORDER



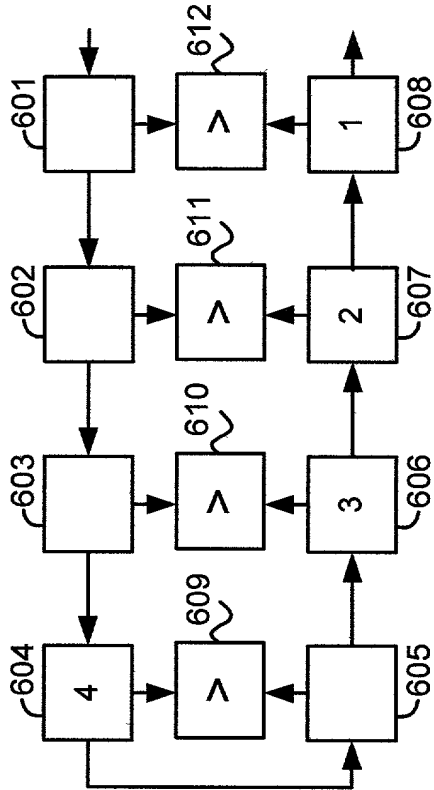
**FIG. 6I**

COMPARE/REORDER



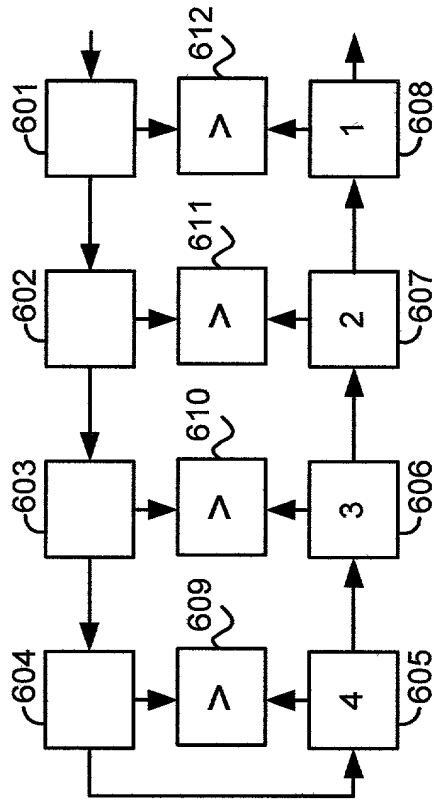
**FIG. 6K**

BOTTOM SHIFT



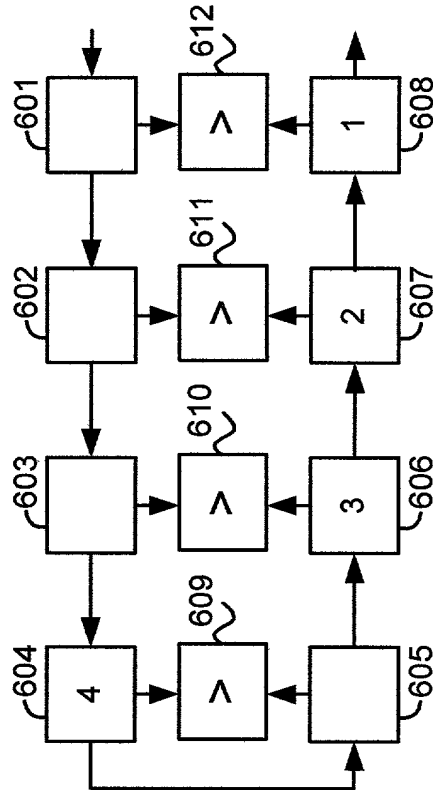
**FIG. 6L**

TOP SHIFT



**FIG. 6N**

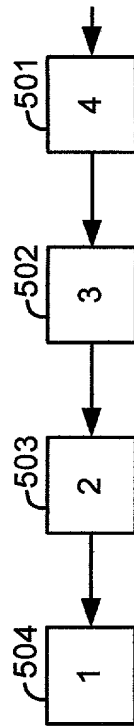
COMPARE/REORDER



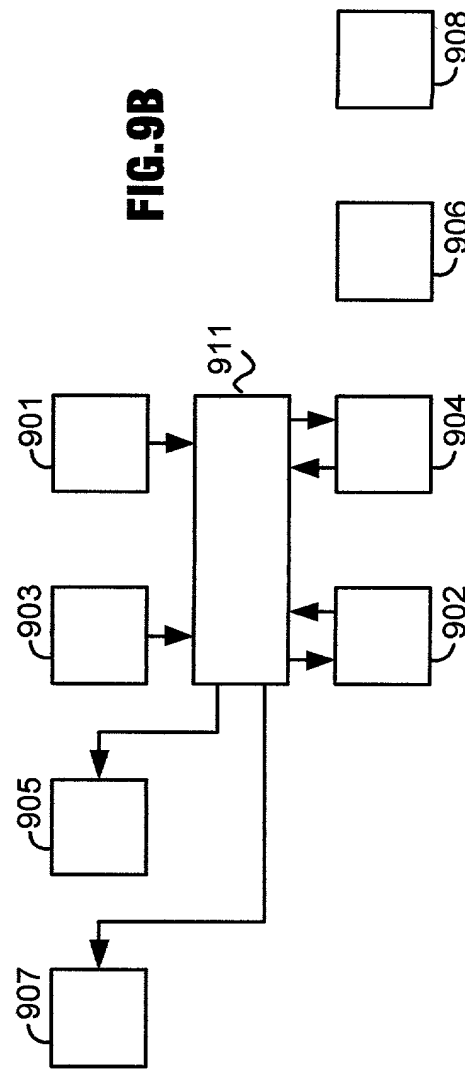
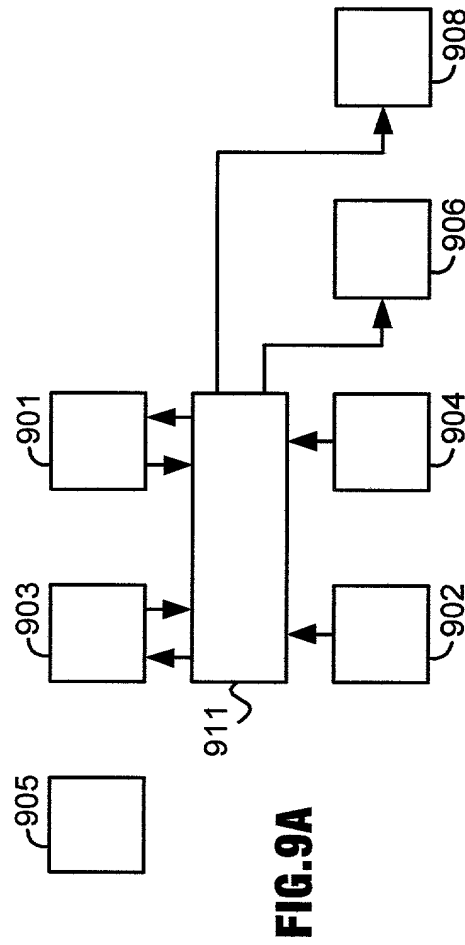
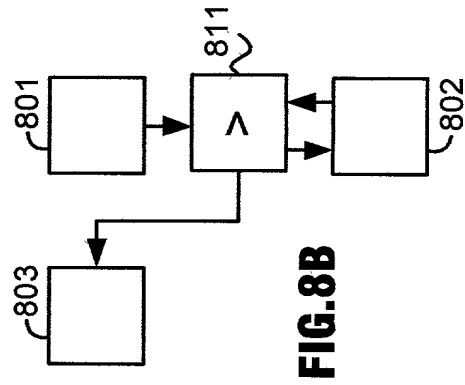
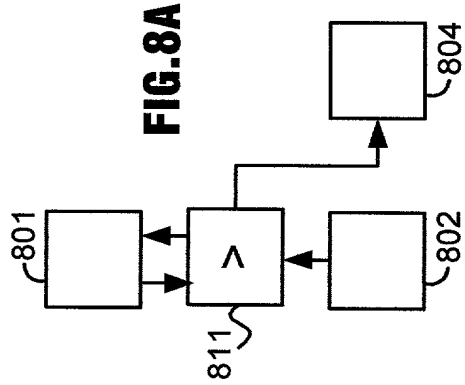
**FIG. 6M**

SHIFT OUT

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**FIG. 7**



COMPARE/REORDER/BOTTOM SHIFT

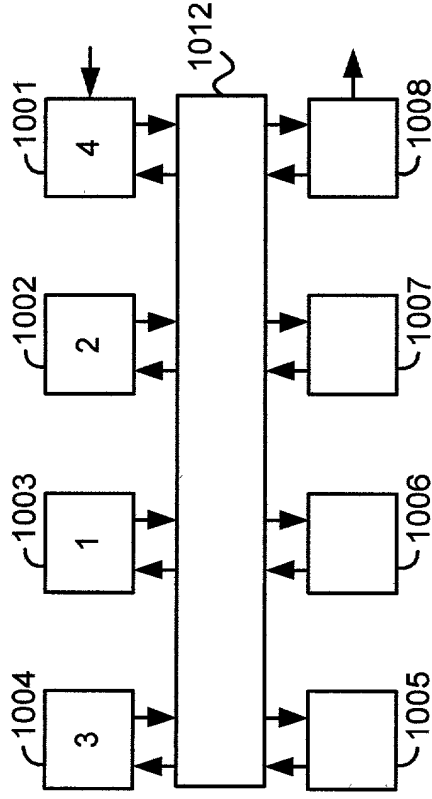


FIG. 10A

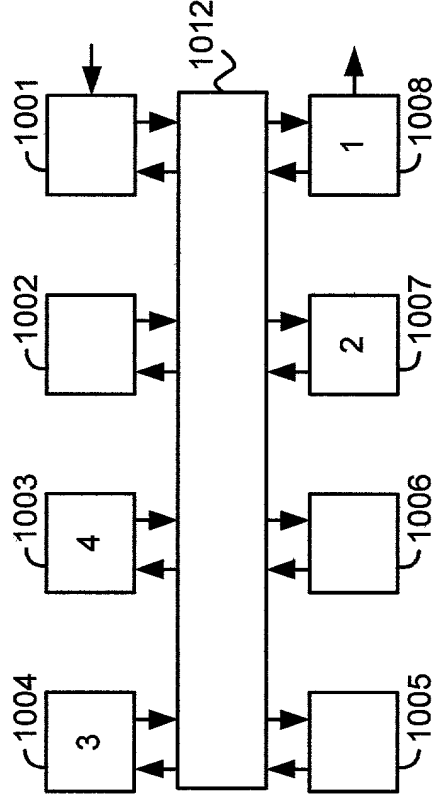


FIG. 10C

TOP SHIFT

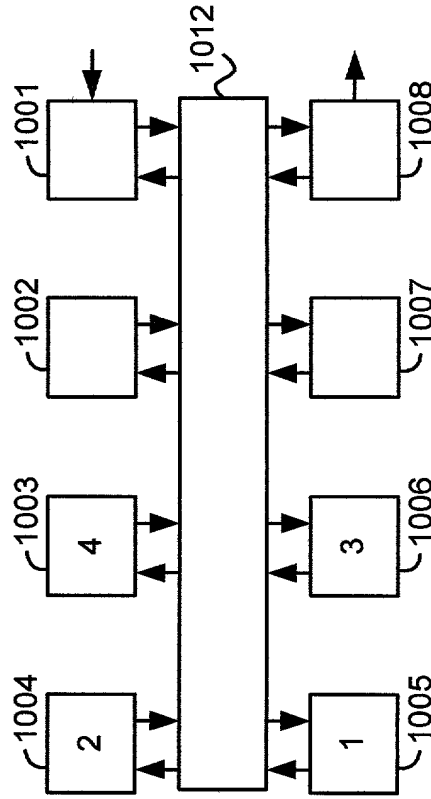


FIG. 10B

TOP SHIFT

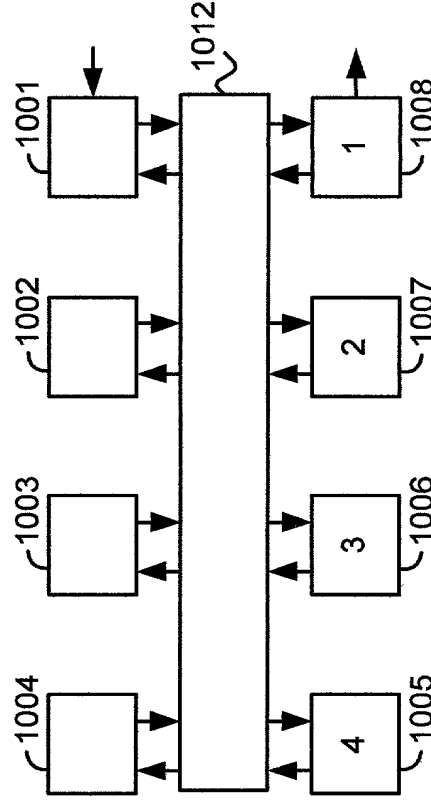


FIG. 10D

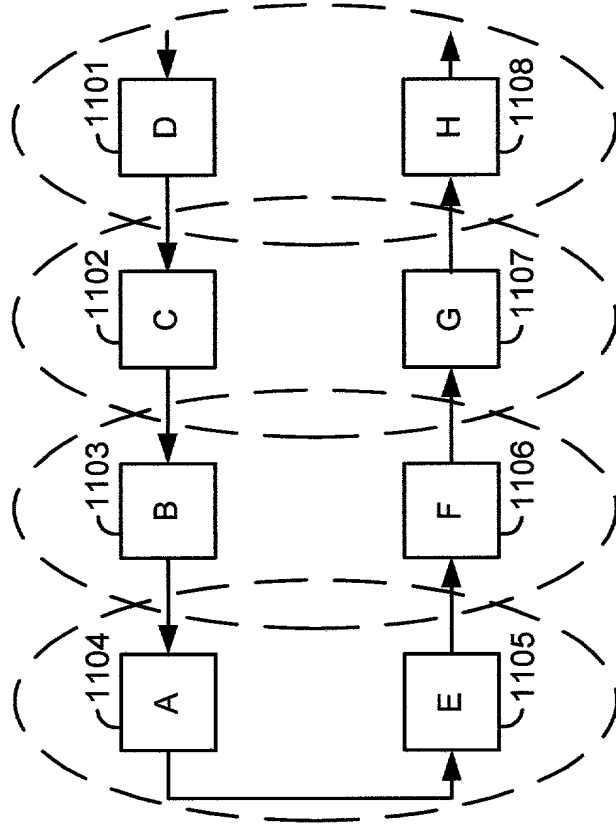
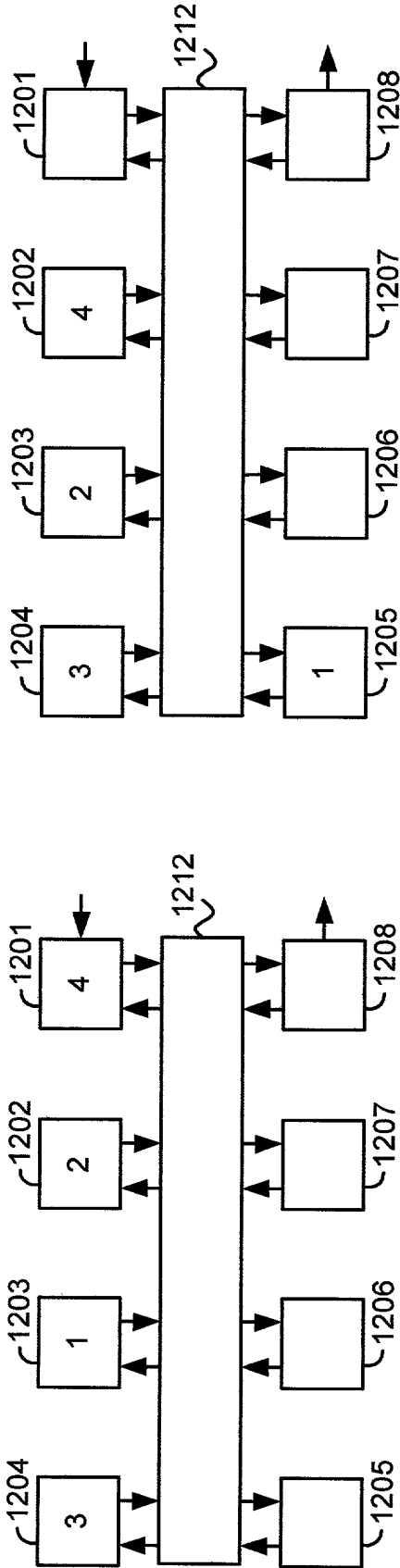


FIG. 11

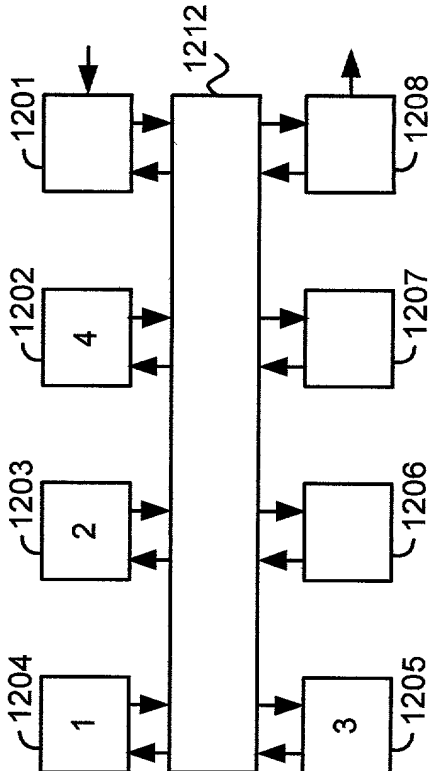
COMPARE/REORDER



**FIG. 12A**

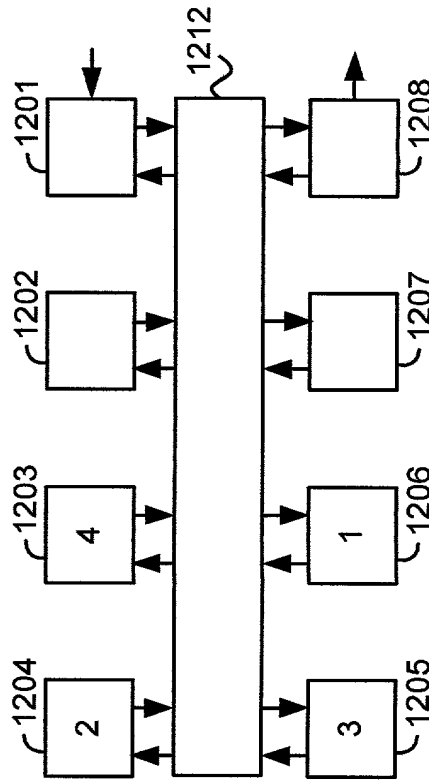
**FIG. 12C**

SHIFT



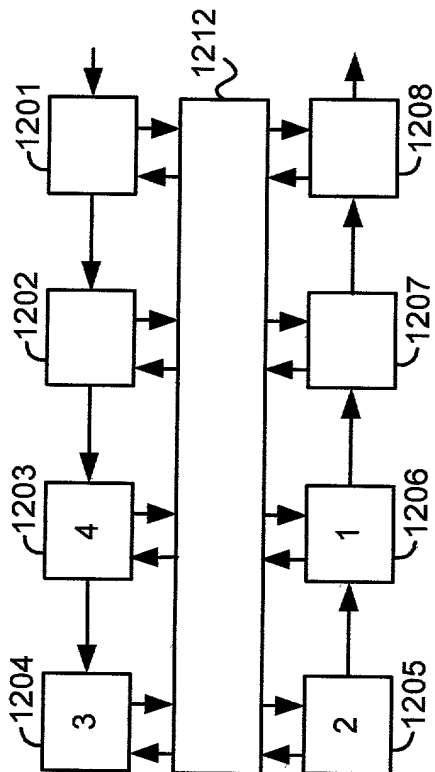
**FIG. 12B**

SHIFT



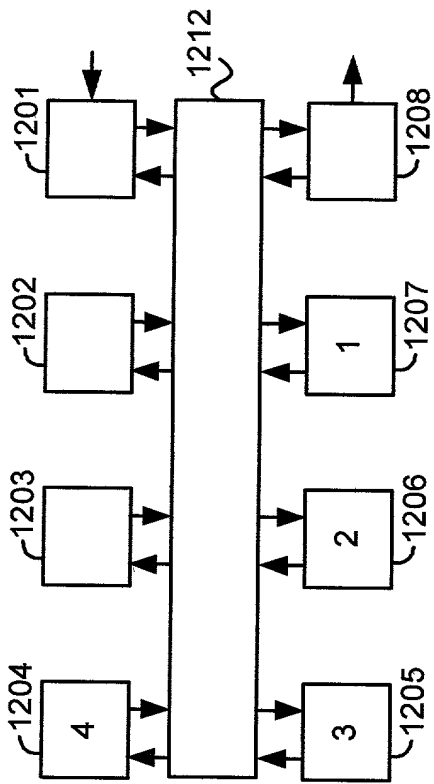
**FIG. 12D**

COMPARE/REORDER



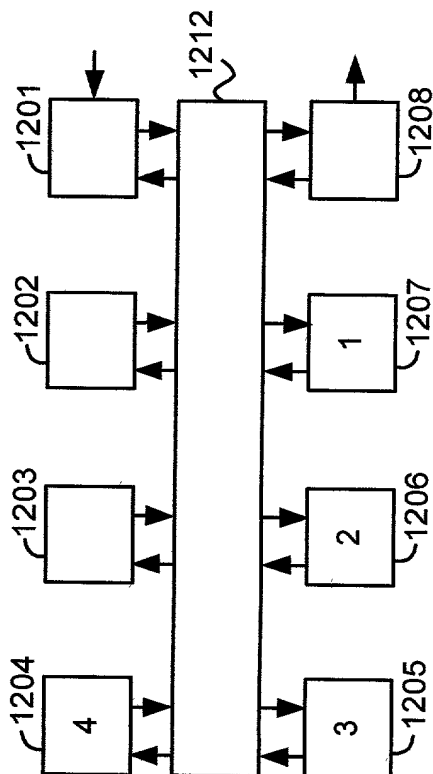
**FIG. 12E**

COMPARE/REORDER



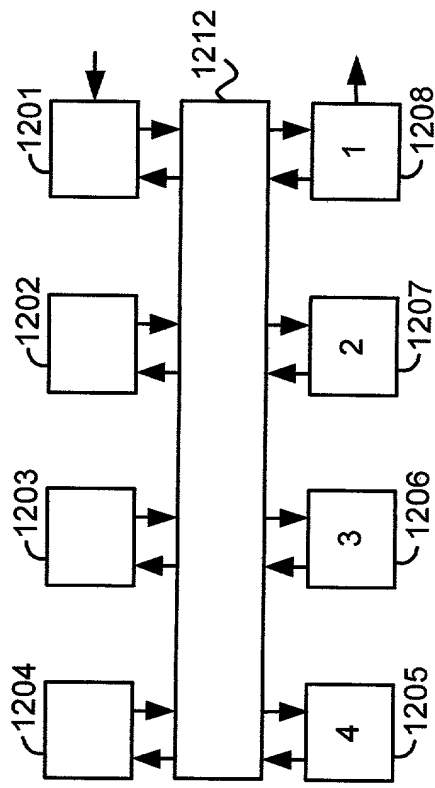
**FIG. 12G**

SHIFT



**FIG. 12F**

SHIFT



**FIG. 12H**

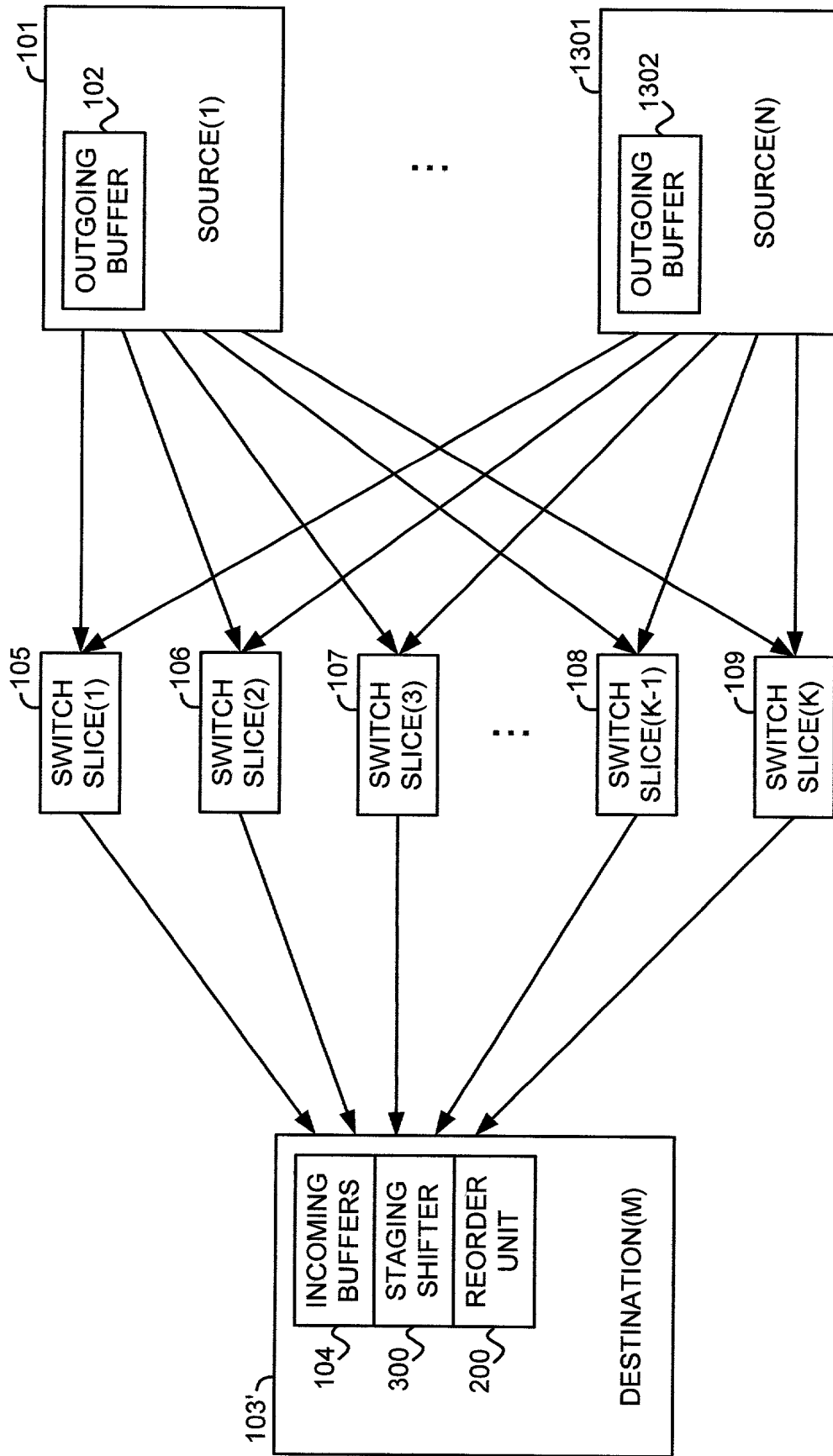
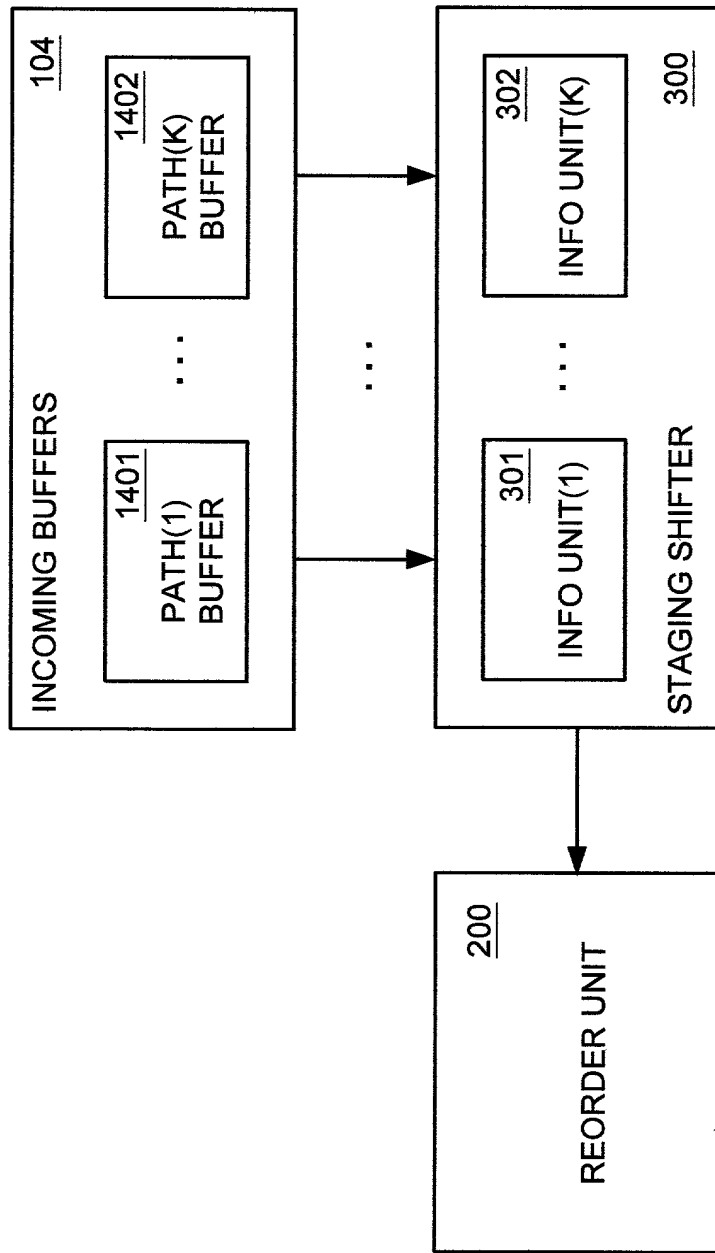


FIG.13



**FIG.14**

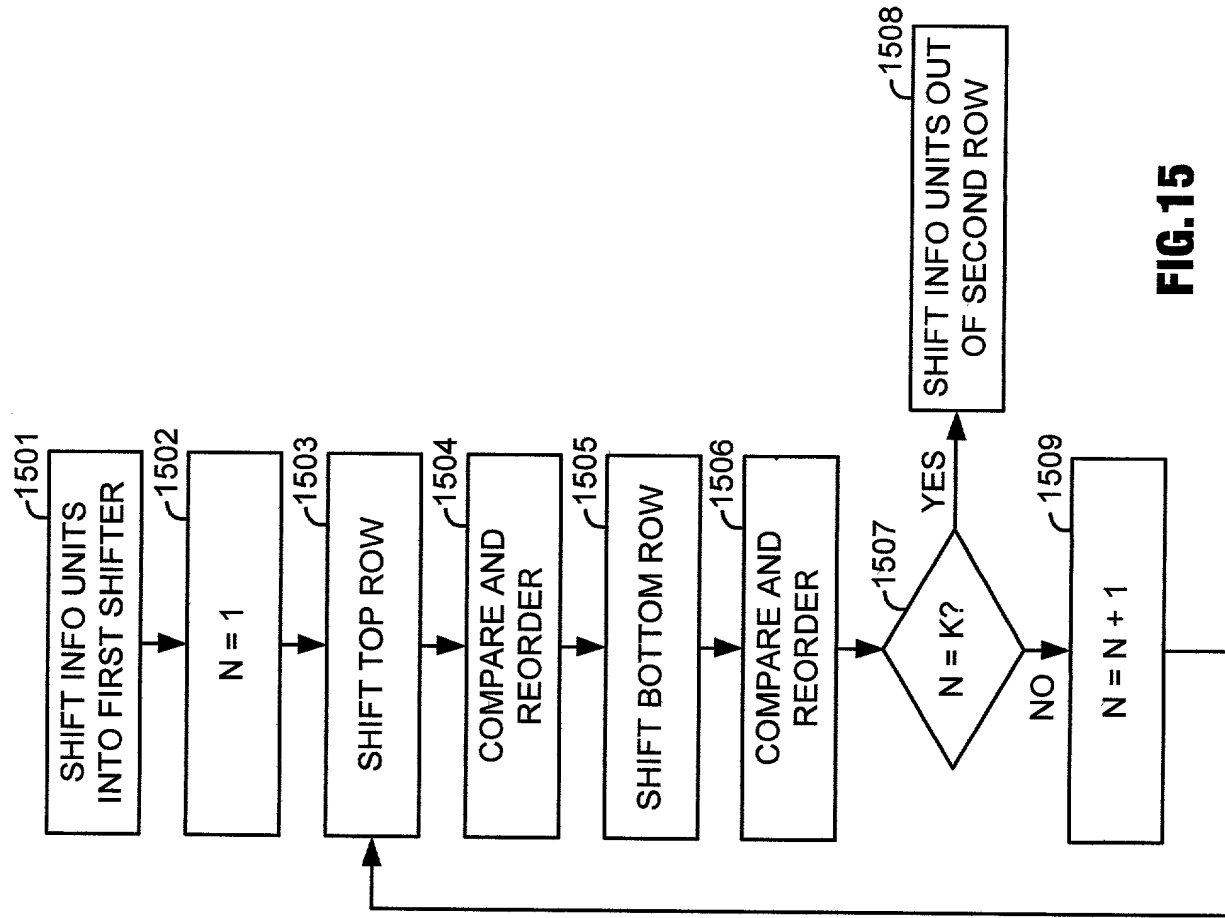
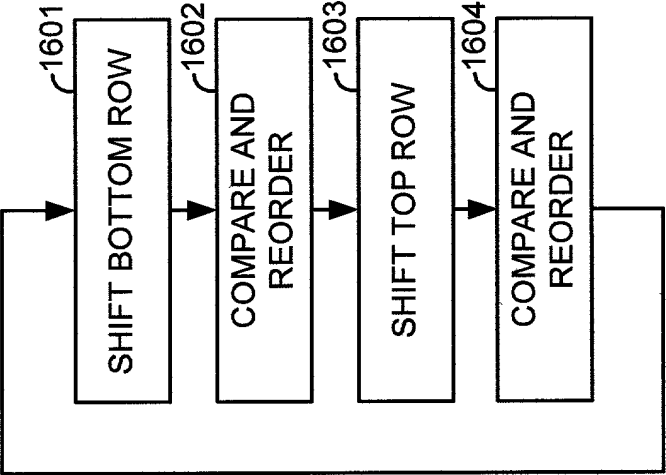
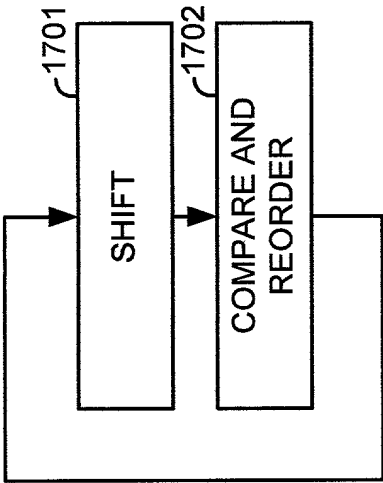


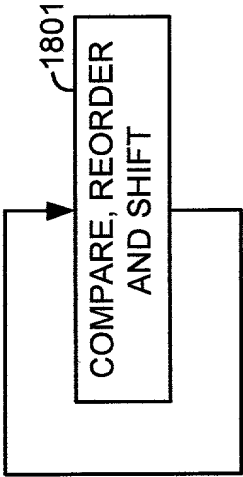
FIG.15



**FIG. 16**



**FIG. 17**



**FIG. 18**